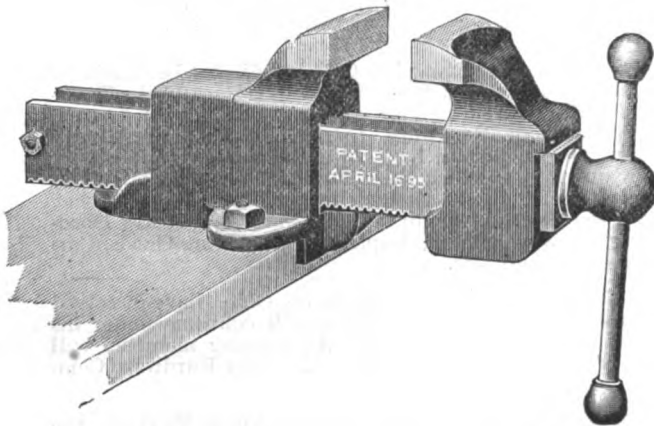


### Boker's Rapid Transit Machinists' Vise.

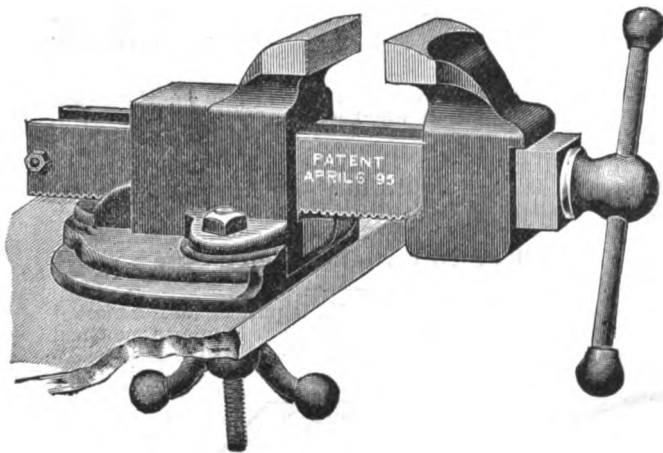
Hermann Boker & Co., 101-103 Duane street, New York, are putting on the market Boker's Rapid Transit machinists' vise, as shown in the accompanying engravings.

makers' use. Should one wish to change a plain vise to the swivel form, it is only necessary to order the extra parts. The vises are made with 3, 3½, 4, 4½, 5 and 6 inch jaws besides the coach makers' pattern.



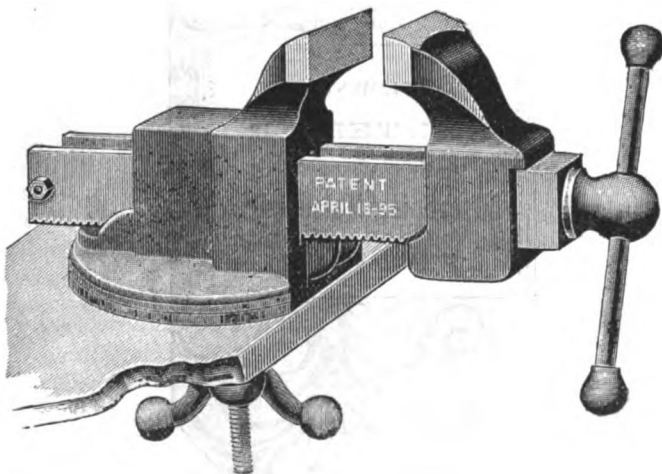
*Fig. 1.—Boker's Rapid Transit Machinists' Plain Vise.*

The front jaw is attached to two parallel steel bars with a rack underneath the bars, working in a rack in the base of the rear jaw. In use the front portion is raised slightly and moved forward or backward to fit the object to be held, when a single turn of the handle grips the work.



*Fig. 2.—Same Vise with Swivel Attachment.*

This construction permits long work to be held rigidly in a vertical position between the bars. Among the advantages referred to by the manufacturers are the following : That the vise can be opened to its full extent or closed instantly ; that it may be adjusted to any size of work within



*Fig. 3.—Boker's Rapid Transit Coach Makers' Swivel Vise.*

its limits by one turn of the screw, while the screw is so placed as to be kept entirely free from filings and dirt.

Fig. 1 illustrates the flat vise. Fig. 2 represents the same vise with swivel base. Fig. 3 shows a similar construction with swivel bottom with higher jaws for coach